

MATERIAL DATA SHEET

DESCRIPTION

WHITE BRUSH SEAL CARRIER S/A



ORDER CODE

BS 4115

PARAMETER	VALUE
MATERIAL	PVC
DENSITY	1.48 – 1.50G/CM ³
SOFTENING POINT (VICAT B)	78 – 79°C
HEAT DEFLECTION TEMPERATURE	47°C
HARDNESS (ROCKWELL R SCALE)	115°
YOUNG'S MODULUS	~2.5GPA
TENSILE STRENGTH	40 – 42MPA
COEFFICIENT OF THERMAL EXPANSION	6 X 10(-5)/°C
THERMAL CONDUCTIVITY @ 23°C	0.16W/M-K
WATER ABSORPTION	<0.1%
ELONGATION @ BREAK	20 – 40%
OPERATION TEMPERATURE RANGE	
APPLICATION TEMPERATURE RANGE	-5°C TO +40°C
STORAGE TEMPERATURE RANGE	
LIFE CYCLE	10 YEARS

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